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| To: | Examiner Khanh B. Duong | From: | Leslie S. Szivos |
| Art Unit: 2822 | | <hr/> | |
| Fax: | 571-273-8300 | Pages: | 16 pages including fax cover sheet |
| Phone: | | Date: 11/22/2005 | |
| Re: | U.S. Patent Appn. No. 10/735,167 | CC: | |
| Docket: YOR919970121US2 | | | |
| Confirmation No. 2822 | | <hr/> | |

RESPONSE TO OFFICE ACTION

Please see the following documents:

1. Amendment Transmittal (in duplicate)
2. Authorization to charge IBM deposit account
3. Response under 37 C.F.R. § 1.111
4. Certificate of transmission by facsimile dated November 22, 2005

If you have any questions concerning this facsimile please contact Vivian Henriquez at 516-742-4343. Thank you.

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CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)

Applicant(s): Frank Cardone et al.

Docket No.

Y0R919970121US2 (16323A)

Application No.
10/735,167

Filing Date
December 12, 2003

Examiner
Khanh B. Duong

Group Art Unit
2822

Invention: A SEMICONDUCTOR STRUCTURE HAVING AN ABRUPT DOPING PROFILE (As Amended)

I hereby certify that this

RESPONSE UNDER 37 C.F.R. § 1.111

(Identify type of correspondence)

is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. 571-273-8300)

on November 22, 2005

(Date)

Leslie S. Szivos, Ph.D.

(Typed or Printed Name of Person Signing Certificate)

[Signature]

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P18/REV02

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AMENDMENT TRANSMITTAL LETTER (Large Entity)

Applicant(s): Frank Cardone et al.

Docket No.

YOR919970121US2 (16323A)

| | | | | | |
|-------------------------------|----------------------------------|----------------------------|-----------------------|------------------------|--------------------------|
| Application No. 10/735,167 | Filing Date December 12, 2003 | Examiner Khanh B. Duong | Customer No. 23389 | Group Art Unit 2822 | Confirmation No. 1673 |
|-------------------------------|----------------------------------|----------------------------|-----------------------|------------------------|--------------------------|

Invention: **A SEMICONDUCTOR STRUCTURE HAVING AN ABRUPT DOPING PROFILE (As Amended)**

COMMISSIONER FOR PATENTS:

Transmitted herewith is an amendment in the above-identified application.

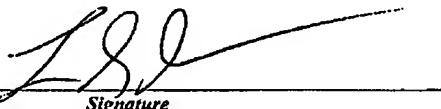
The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED

| | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST # PREV. PAID FOR | NUMBER EXTRA CLAIMS PRESENT | RATE | ADDITIONAL FEE |
|--|-------------------------------------|-----------------------------|--------------------------------|------------|-------------------|
| TOTAL CLAIMS | 13 - | 20 = | 0 | x \$50.00 | \$0.00 |
| INDEP. CLAIMS | 5 - | 5 = | 0 | x \$200.00 | \$0.00 |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/> | | | | | \$0.00 |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT | | | | | \$0.00 |

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- A check in the amount of _____ to cover the filing fee is enclosed.
- The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 50-0510/IBM
 - Any additional filing fees required under 37 C.F.R. 1.16.
 - Any patent application processing fees under 37 CFR 1.17.
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Signature

Dated: November 22, 2005

Leslie S. Szivos, Ph.D.

Registration No. 39,394

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Garden City, New York 11530

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P11LARGE/REV09

NOV 22 2005

AMENDMENT TRANSMITTAL LETTER (Large Entity)

Applicant(s): Frank Cardone et al.

Docket No.

Y0R919970121US2 (16323A)

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| Application No. 10/735,167 | Filing Date December 12, 2003 | Examiner Khanh B. Duong | Customer No. 23389 | Group Art Unit 2822 | Confirmation No. 1673 |
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| INDEP. CLAIMS | 5 - | 5 = | 0 | x \$200.00 | \$0.00 |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/> | | | | | \$0.00 |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT | | | | | \$0.00 |

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Frank Cardone, et al.

Examiner: Khanh B. Duong

Serial No.: 10/735,167

Art Unit: 2822

Filed: December 12, 2003

Docket: YOR919970121US2 (16323A)

For: A SEMICONDUCTOR STRUCTURE
HAVING AN ABRUPT DOPING
PROFILE (As Amended)

Dated: November 22, 2005

Confirmation No: 1673

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE UNDER 37 C.F.R. §§1.111

Sir:

In response to the Office Action dated August 25, 2005, Applicants submit the following amendments and remarks for entry into the record of the above-identified patent application.

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that this document is being filed in the United States Patent and Trademark Office on the date shown below via facsimile transmission to Mail Stop Amendment, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 at United States Patent and Trademark Office facsimile transmission number (571) 273-8300.

Dated: November 22, 2005



Leslie S. Szivos